

目 次

浅川満彦・神谷晴夫・大林正士: Studies on the Parasite Fauna of Insectivora III. Two new nematodes, <i>Soboliphyme abei</i> n. sp. (Soboliphymatidae) and <i>Stefanskostrongylus yagii</i> n. sp. (Angiostrongylidae) from <i>Sorex</i> spp. in Japan .....	1
浅川満彦・神谷晴夫・大林正士: Studies on the Parasite Fauna of Insectivora IV. Four nematodes from the Japanese <i>Sorex</i> spp. ....	11
浅川満彦・神谷晴夫・大林正士: Studies on the Parasite Fauna of Insectivora V. Three trematodes from the Japanese <i>Sorex</i> spp. ....	21
佐々木 均: Morphological and Immunological Studies on the Blood Sources of Black Flies in Hokkaido, Japan (Diptera: Simuliidae) .....	29
菊池直哉: Ecological Studies on <i>Klebsiella pneumoniae</i> in Horses and Virulence of the Organisms of Capsular Type 1 in Relation to the Size of Capsule .....	83
原田 勇・篠原 功・白田克弘: The Interspecific Differences for Absorption of Selenious Acid applied to Alfalfa and Smooth bromegrass .....	123
荒木重美: Generalized Quantization Method Applied to the Wess-Zumino-Witten Model .....	131
荒木重美: Ferromagnetism and Antiferromagnetism in Fermi-Operator Representation .....	143
荒木重美: Bose-Operator Representation of Quantum Poisson Theorem .....	153
松井幸夫・渡辺 緑: Quantitative Analysis of Fusaric acid in the Cultural Filtrate and Soybean Plants Inoculated with <i>Fusarium oxysporum</i> var. <i>redolens</i> .....	159

昭和 62 年度酪農学園大学大学院獣医学研究科 博士學位論文要旨

扇谷信幸： ペンツピレン水酸化チトクローム P-450 に関する研究 .....	169
--	-----

昭和 62 年度 酪農学園大学大学院酪農学専攻修士學位論文要旨

村島 薫： 旭川市農業集落の主成分分析 .....	171
---------------------------	-----

萩原雄介： <i>Penicillium roqueforti</i> の生産する Lipase の脂肪分解能 についての研究 .....	173
--	-----

李 南赫： 筋原線維の加熱ゲル形成能に関する研究： 心筋と骨格筋の比較 .....	175
--	-----

本郷泰久： 豚心筋ミオシンの加熱ゲル形成能におよぼす C-タンパク質 および加熱温度の影響 .....	177
--	-----

昭和 62 年度 酪農学園大学大学院獣医学研究科修士課程課題研究

(昭和 62 年度獣医学研究科修士課程 課題研究名) 136 編

## CONTENTS

ASAKAWA, M., KAMIYA, H. and OHBAYASHI, M.: Studies on the Parasite Fauna of Insectivora III. Two new nematodes, <i>Soboliphyme abei</i> n. sp. (Soboliphymatidae) and <i>Stefanskostrongylus yagii</i> n. sp. (Angiostrongylidae) from <i>Sorex</i> spp. in Japan .....	1
ASAKAWA, M., KAMIYA, H. and OHBAYASHI, M.: Studies on the Parasite Fauna of Insectivora IV. Four nematodes from the Japanese <i>Sorex</i> spp. ....	11
ASAKAWA, M., KAMIYA, H. and OHBAYASHI, M.: Studies on the Parasite Fauna of Insectivora V. Three trematodes from the Japanese <i>Sorex</i> spp. ....	21
SASAKI, H.: Morphological and Immunological Studies on the Blood Sources of Black Flies in Hokkaido, Japan (Diptera: Simuliidae) .....	29
KIKUCHI, N.: Ecological Studies on <i>Klebsiella pneumoniae</i> in Horses and Virulence of the Organisms of Capsular Type 1 in Relation to the Size of Capsule .....	83
HARADA, I., SHINOHARA, I. and SHIRATA, K.: The Interspecific Differences for Absorption of Selenious Acid applied to Alfalfa and Smooth bromegrass .....	123
ARAKI, S.: Generalized Quantization Method Applied to the Wess-Zumino-Witten Model .....	131
ARAKI, S.: Ferromagnetism and Antiferromagnetism in Fermi-Operator Representation .....	143
ARAKI, S.: Bose-Operator Representation of Quantum Poisson Theorem .....	153
MATSUI, Y. and WATANABE, M.: Quantitative Analysis of Fusaric acid in the Cultural Filtrate and Soybean Plants Inoculated with <i>Fusarium oxysporum</i> var. <i>redolens</i> .....	159

[Summaries]

OHGIYA, N.: Research on the Cytochrome P-450 Isozyme Generally Catalyzing Benzo [ <i>a</i> ] pyrene Hydroxylation .....	169
MURASHIMA, K.: Principal Component Analysis of Rural Colony in Asahikawa City .....	171
HAGIWARA, Y.: Studies on Lypolytic Activities of Lipase Produced by <i>Penicillium roqueforti</i> .....	173
LEE, N. H.: Comparative Studies on Heat-induced Gelation of Skeletal and Cardiac Myofibrils .....	175
HONGO, Y.: Effects of Temperature and C-protein on Heat-induced Gelation of Porcine Cardiac Myosin .....	177